

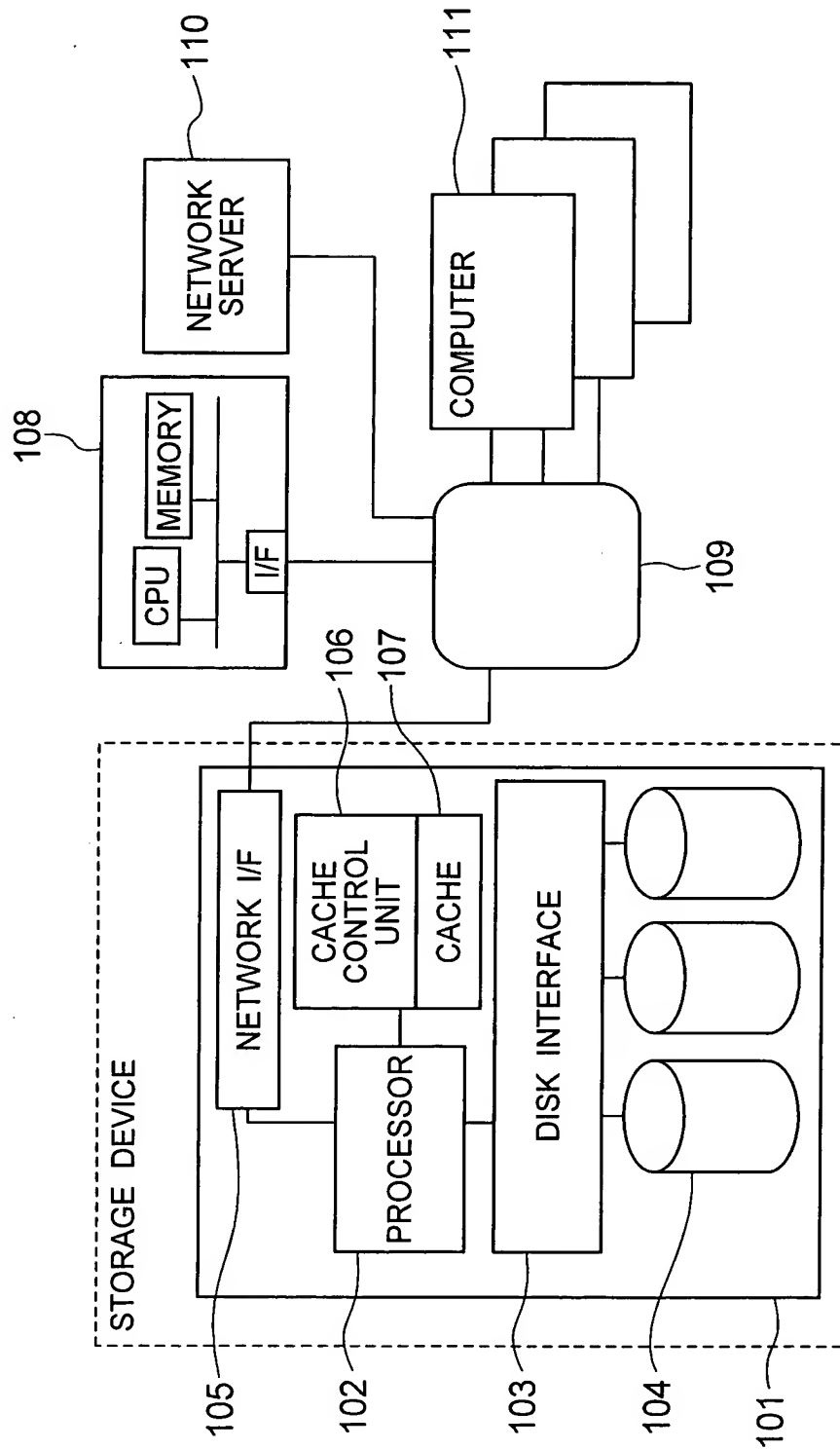
Applicant: Satoshi OSHIMA, et al.

Title: Storage Device Having a Capability of Learning Access Patterns

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FIG. 1



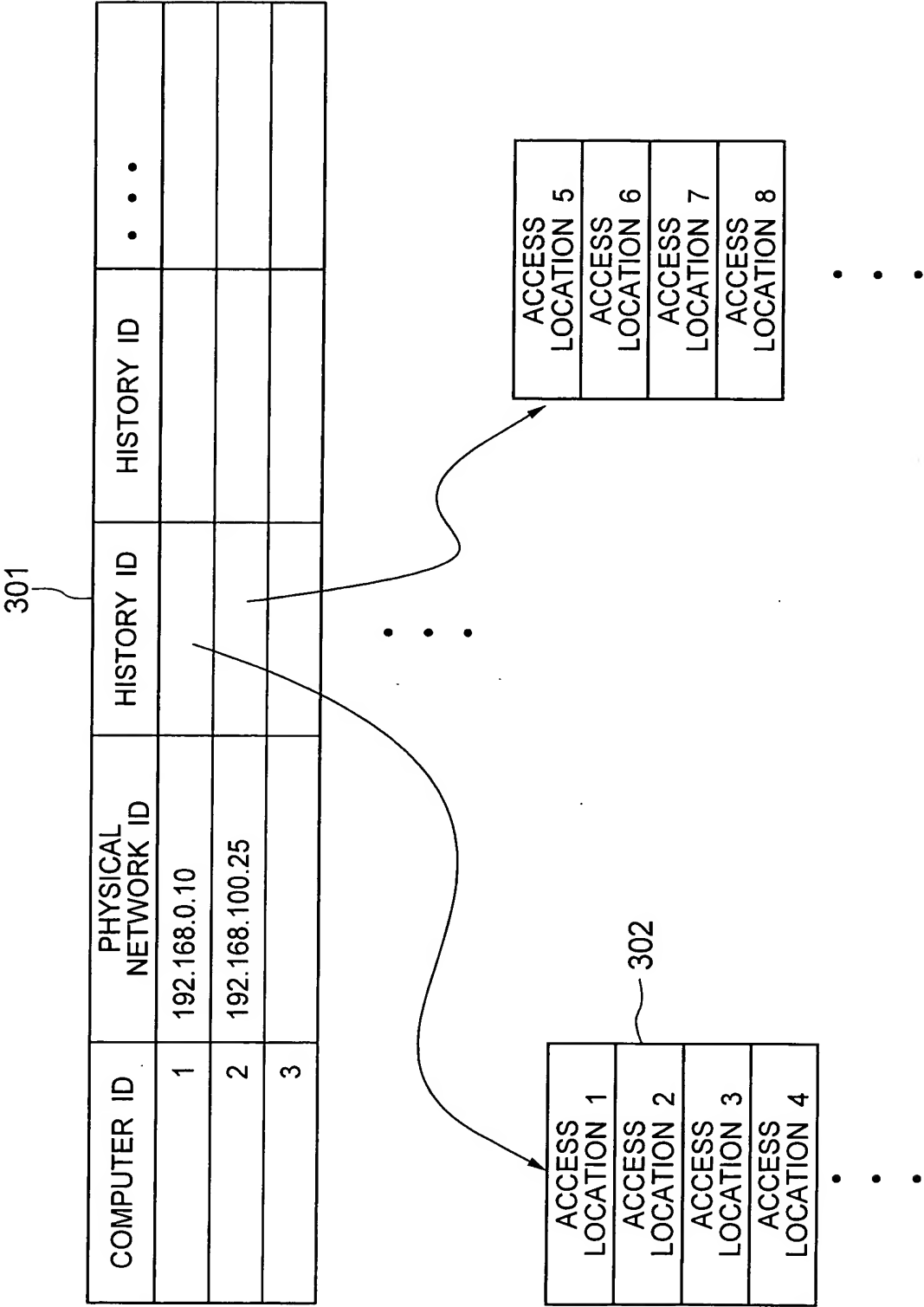
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FIG. 2



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FIG. 3

COMMAND	CONTENT OF PROCESS	ARGUMENT 1	ARGUMENT 2	ARGUMENT 3
StartRec	HISTORY COLLECTION START	COMPUTER ID	HISTORY ID	
EndRec	HISTORY COLLECTION STOP	COMPUTER ID	HISTORY ID	
TimeoutRec	HISTORY COLLECTION LIMITATION TIME	COMPUTER ID	HISTORY ID	HISTORY COLLECTION LIMITATION TIME
PointRec	HISTORY COLLECTION START CONDITION SETTING	COMPUTER ID	HISTORY ID	HISTORY COLLECTION START CONDITION
FlushRec	HISTORY DISCARD	HISTORY ID		
StartRead	READ-AHEAD START	HISTORY ID		
PointRead	READ-AHEAD START CONDITION SETTING	COMPUTER ID	HISTORY ID	READ-AHEAD START CONDITION
RegistID	PHYSICAL COMPUTER ID REGISTRATION	COMPUTER ID	PHYSICAL NETWORK ID	

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FIG. 4

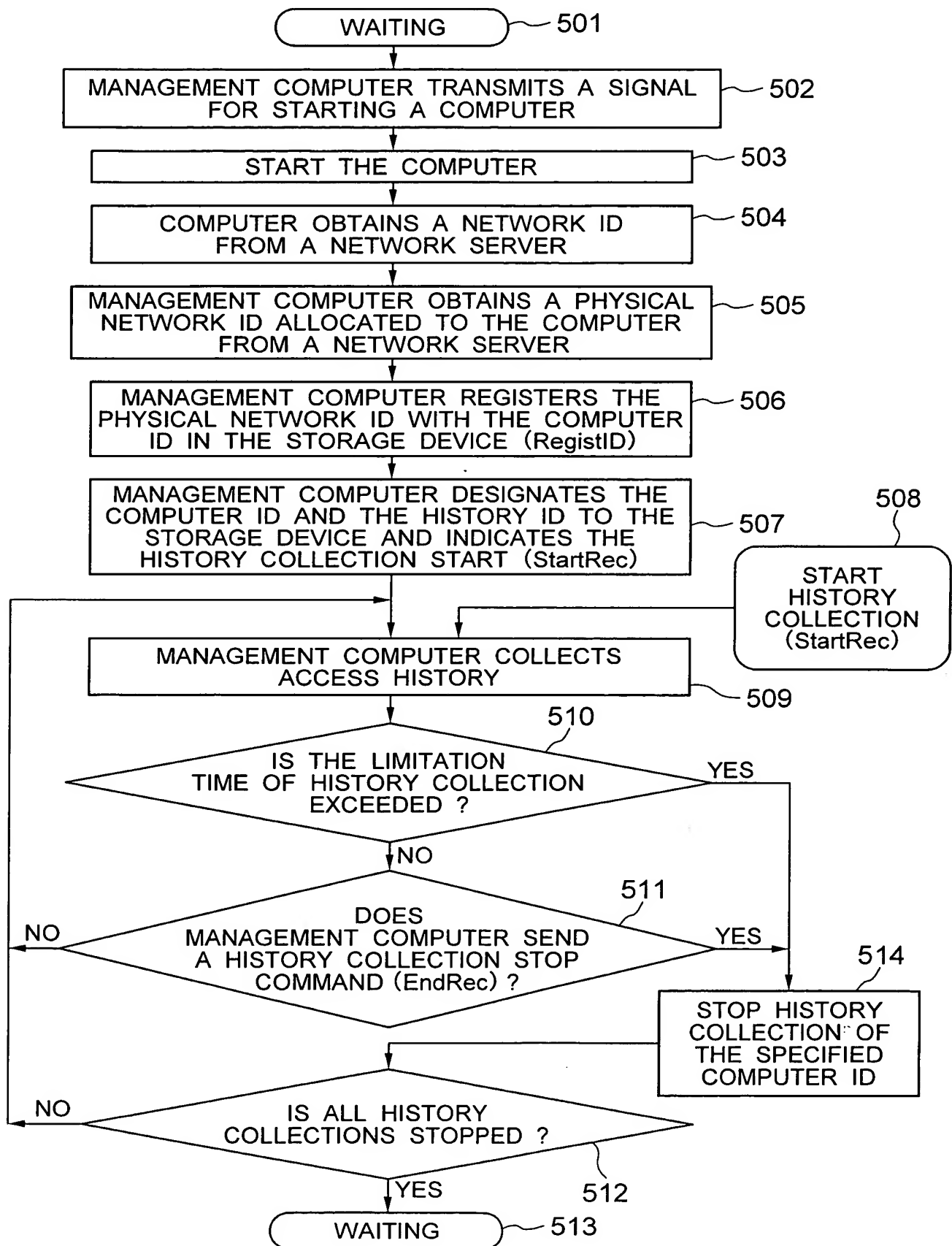


FIG. 5

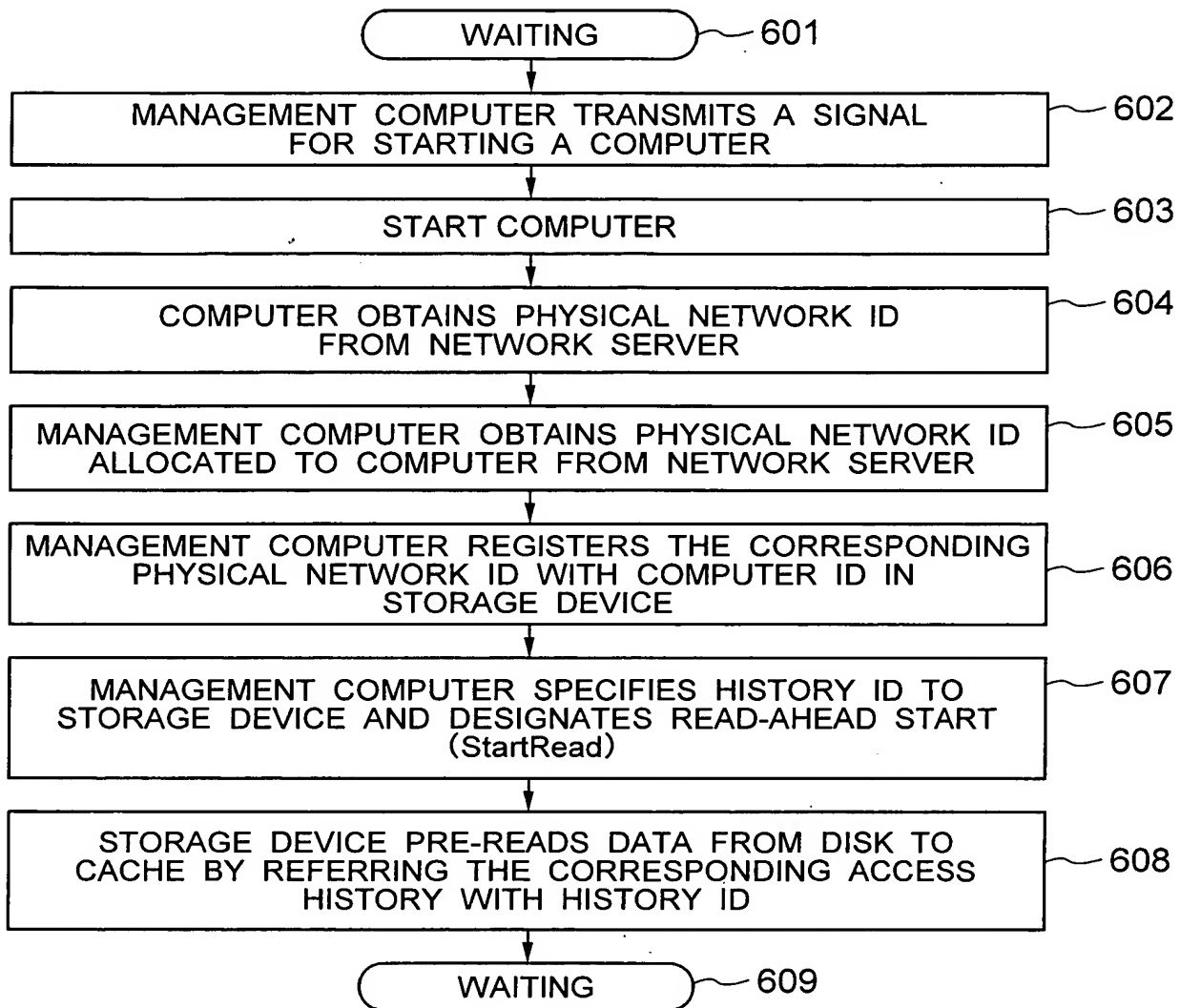
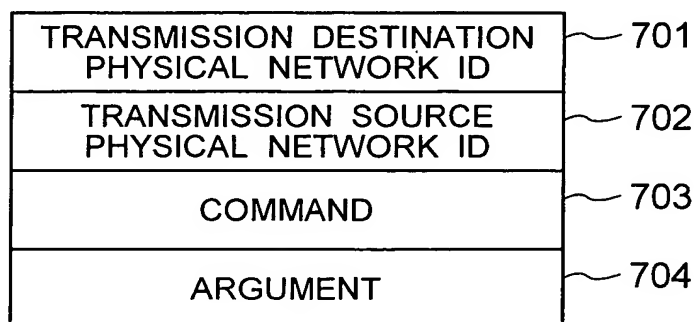


FIG. 6



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FIG. 7

COMPUTER GROUP ID	COMPUTER GROUP NAME	COMPUTER ID	COMPUTER NAME
1	GROUP 1	1	COMPUTER 1
		2	COMPUTER 2
2	GROUP 2	3	COMPUTER 3
		4	COMPUTER 4
		5	COMPUTER 5
3	GROUP 3	6	COMPUTER 6

FIG. 8

HISTORY ID	HISTORY NAME
1	WHEN COMPUTER 1 STARTS
2	WHEN COMPUTER 3 STARTS
3	WHEN COMPUTER 1AP1 STARTS

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FIG. 9

JOB ID	COMPUTER GROUP ID	HISTORY ID	STARTING CONDITION	STAR TIME	YES OR NO OF COMPUTER START
1	1	1	TIME	9:00	YES (THREE MINUTES LATER)
2	2	2	MANUAL	-	YES (TEN MINUTES LATER)
3	1	3	TIME	10:00	NO

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FIG. 10

